

**#01\_HAC\_E\_WLAN2.4GHz\_802.11g 6Mbps\_Ch1**

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2412 MHz; Duty Cycle: 1:12.5893

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1); Calibrated: 2018/1/8;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.13 V/m; Power Drift = 0.11 dB

Applied MIF = 0.12 dB

RF audio interference level = 24.15 dBV/m

**Emission category: M4**

MIF scaled E-field

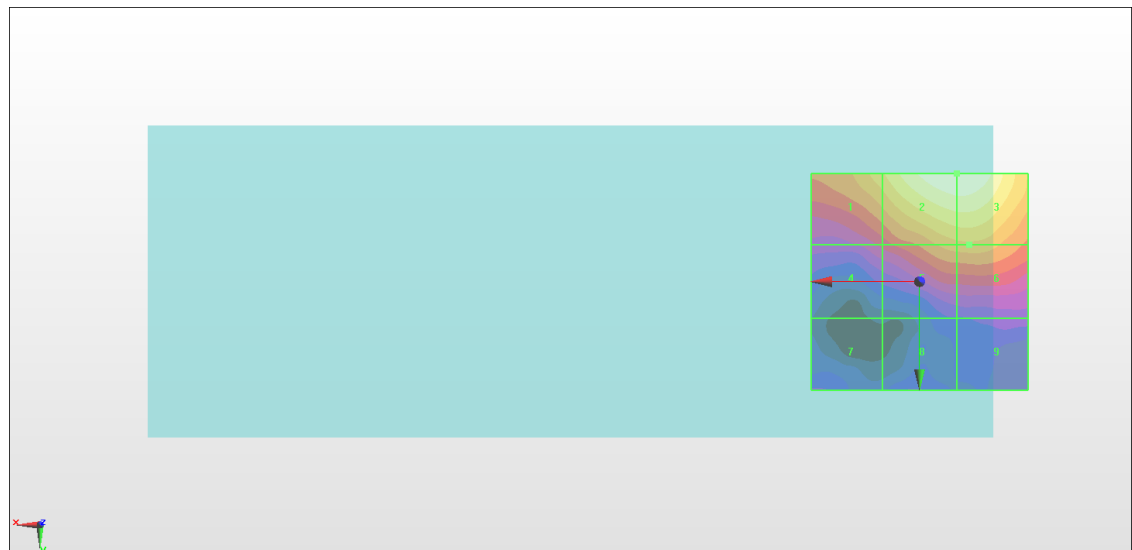
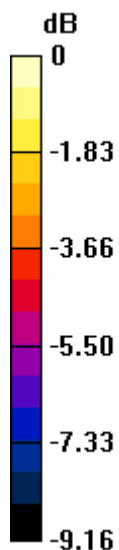
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>22.27 dBV/m</b> | Grid 2 <b>M4</b><br><b>24.15 dBV/m</b> | Grid 3 <b>M4</b><br><b>24.15 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>19.48 dBV/m</b> | Grid 5 <b>M4</b><br><b>21.48 dBV/m</b> | Grid 6 <b>M4</b><br><b>21.55 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>17.56 dBV/m</b> | Grid 8 <b>M4</b><br><b>17.54 dBV/m</b> | Grid 9 <b>M4</b><br><b>17.82 dBV/m</b> |

**Cursor:**

Total = 24.15 dBV/m

E Category: M4

Location: -8.5, -25, 7.7 mm



0 dB = 16.12 V/m = 24.15 dBV/m

**#02\_HAC\_E\_WLAN2.4GHz\_802.11g 6Mbps\_Ch6**

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5893

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1); Calibrated: 2018/1/8;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.834 V/m; Power Drift = -0.01 dB

Applied MIF = 0.12 dB

RF audio interference level = 24.31 dBV/m

**Emission category: M4**

MIF scaled E-field

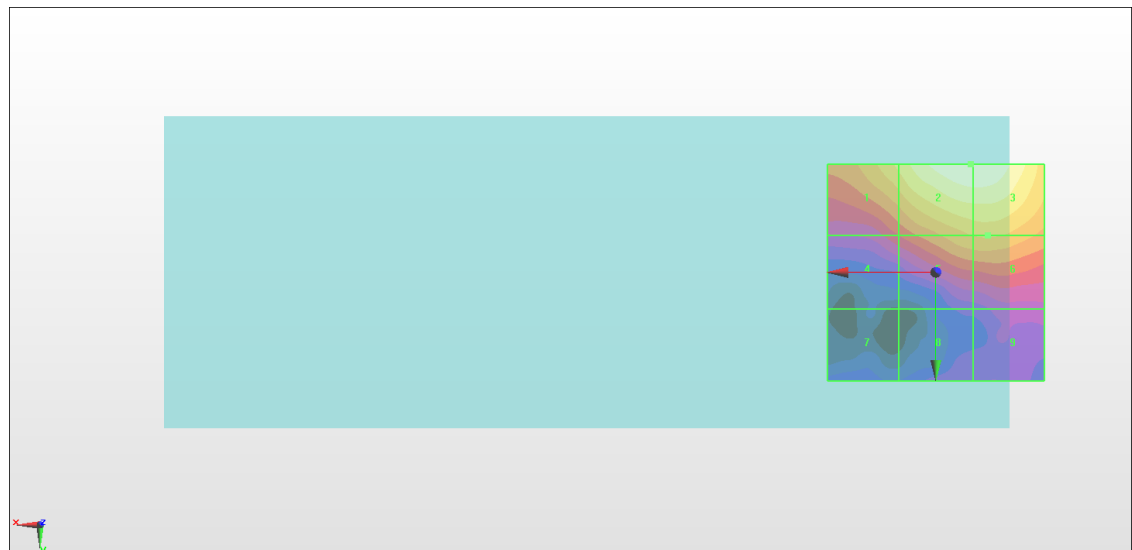
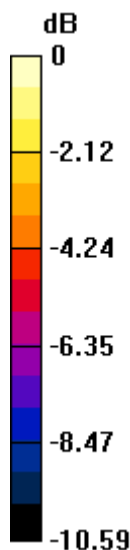
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>22.43 dBV/m</b> | Grid 2 <b>M4</b><br><b>24.31 dBV/m</b> | Grid 3 <b>M4</b><br><b>24.31 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>19.38 dBV/m</b> | Grid 5 <b>M4</b><br><b>21.51 dBV/m</b> | Grid 6 <b>M4</b><br><b>21.6 dBV/m</b>  |
| Grid 7 <b>M4</b><br><b>16.53 dBV/m</b> | Grid 8 <b>M4</b><br><b>17.23 dBV/m</b> | Grid 9 <b>M4</b><br><b>17.77 dBV/m</b> |

**Cursor:**

Total = 24.31 dBV/m

E Category: M4

Location: -8, -25, 7.7 mm



0 dB = 16.43 V/m = 24.31 dBV/m

**#03\_HAC\_E\_WLAN2.4GHz\_802.11g 6Mbps\_Ch11**

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:12.5893

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1); Calibrated: 2018/1/8;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 10.25 V/m; Power Drift = -0.02 dB

Applied MIF = 0.12 dB

RF audio interference level = 23.84 dBV/m

**Emission category: M4**

MIF scaled E-field

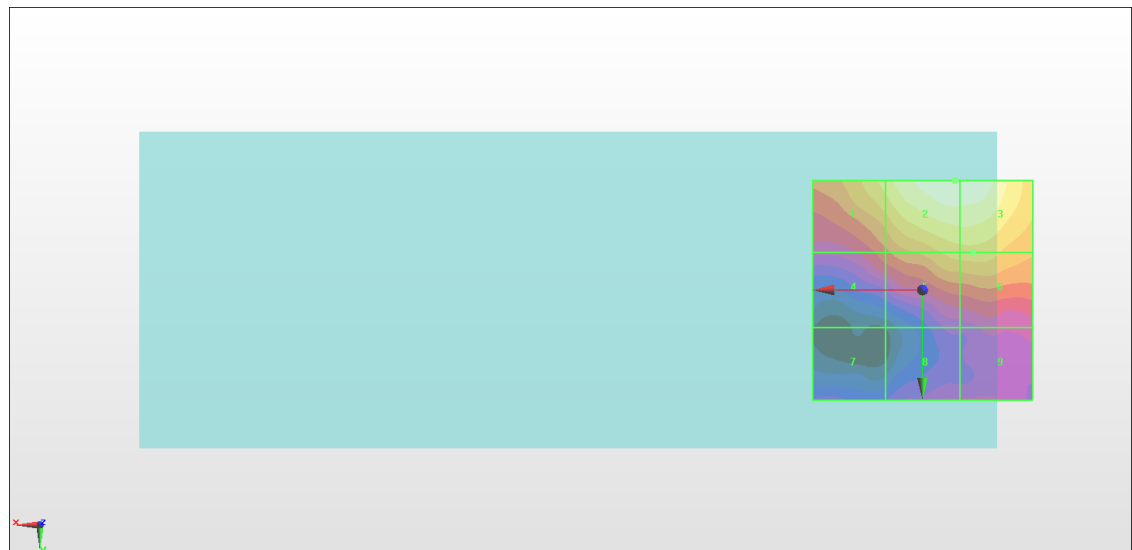
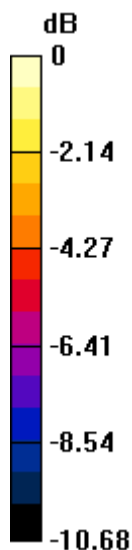
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>22.02 dBV/m</b> | Grid 2 <b>M4</b><br><b>23.84 dBV/m</b> | Grid 3 <b>M4</b><br><b>23.83 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>19.33 dBV/m</b> | Grid 5 <b>M4</b><br><b>21.34 dBV/m</b> | Grid 6 <b>M4</b><br><b>21.4 dBV/m</b>  |
| Grid 7 <b>M4</b><br><b>16.28 dBV/m</b> | Grid 8 <b>M4</b><br><b>17.56 dBV/m</b> | Grid 9 <b>M4</b><br><b>18.01 dBV/m</b> |

**Cursor:**

Total = 23.84 dBV/m

E Category: M4

Location: -7.5, -25, 7.7 mm



0 dB = 15.56 V/m = 23.84 dBV/m

**#04\_HAC\_E\_WLAN2.4GHz\_802.11g 6Mbps\_Ch1**

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2412 MHz; Duty Cycle: 1:12.5893

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1); Calibrated: 2018/1/8;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 7.910 V/m; Power Drift = -0.15 dB

Applied MIF = 0.12 dB

RF audio interference level = 23.54 dBV/m

**Emission category: M4**

MIF scaled E-field

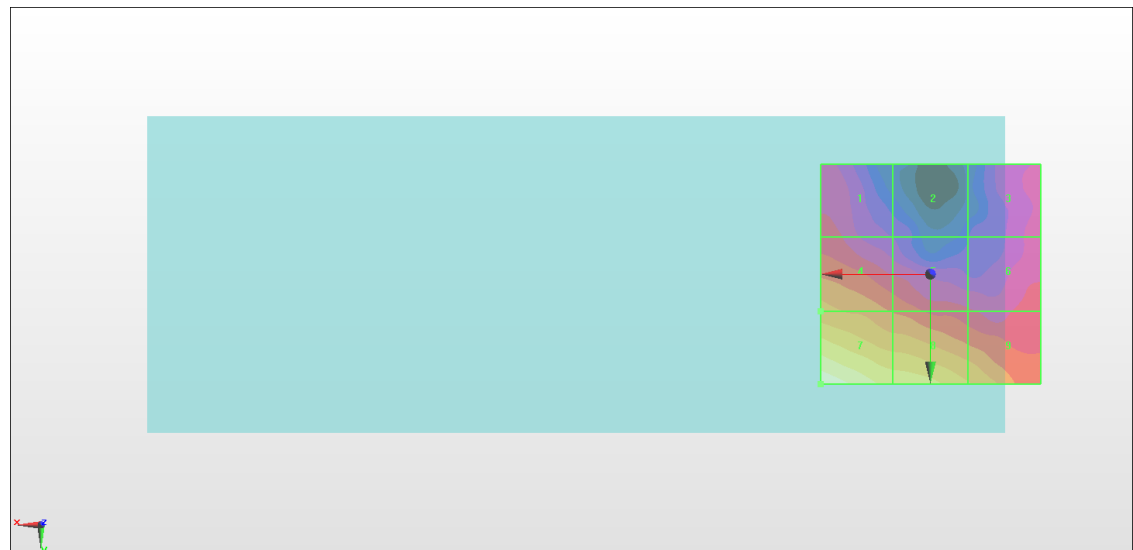
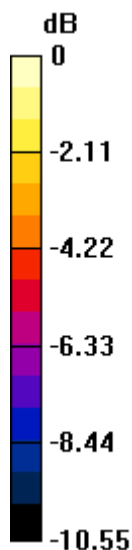
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>18.41 dBV/m</b> | Grid 2 <b>M4</b><br><b>16.5 dBV/m</b>  | Grid 3 <b>M4</b><br><b>17.97 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>20.36 dBV/m</b> | Grid 5 <b>M4</b><br><b>19.29 dBV/m</b> | Grid 6 <b>M4</b><br><b>18.46 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>23.54 dBV/m</b> | Grid 8 <b>M4</b><br><b>21.96 dBV/m</b> | Grid 9 <b>M4</b><br><b>20.83 dBV/m</b> |

**Cursor:**

Total = 23.54 dBV/m

E Category: M4

Location: 25, 25, 7.7 mm



0 dB = 15.03 V/m = 23.54 dBV/m

**#05\_HAC\_E\_WLAN2.4GHz\_802.11g 6Mbps\_Ch6**

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2437 MHz; Duty Cycle: 1:12.5893

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1); Calibrated: 2018/1/8;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 8.614 V/m; Power Drift = -0.07 dB

Applied MIF = 0.12 dB

RF audio interference level = 23.95 dBV/m

**Emission category: M4**

MIF scaled E-field

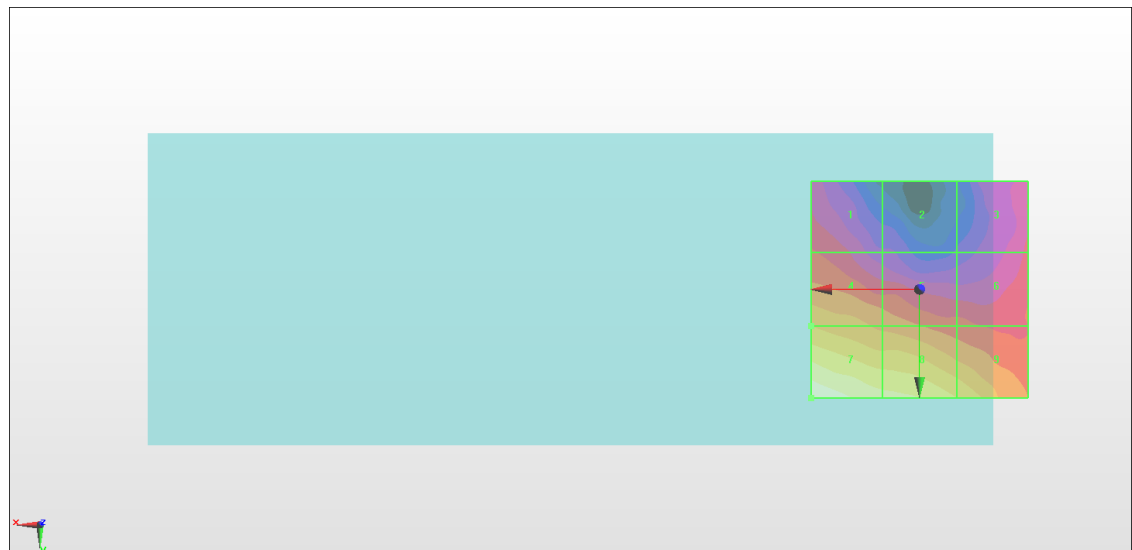
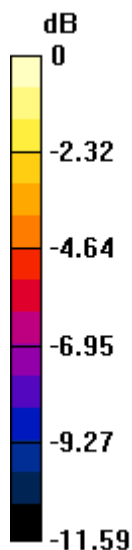
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>18.64 dBV/m</b> | Grid 2 <b>M4</b><br><b>16.43 dBV/m</b> | Grid 3 <b>M4</b><br><b>18.05 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>20.88 dBV/m</b> | Grid 5 <b>M4</b><br><b>19.93 dBV/m</b> | Grid 6 <b>M4</b><br><b>18.88 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>23.95 dBV/m</b> | Grid 8 <b>M4</b><br><b>22.7 dBV/m</b>  | Grid 9 <b>M4</b><br><b>21.64 dBV/m</b> |

**Cursor:**

Total = 23.95 dBV/m

E Category: M4

Location: 25, 25, 7.7 mm



0 dB = 15.75 V/m = 23.95 dBV/m

**#06\_HAC\_E\_WLAN2.4GHz\_802.11g 6Mbps\_Ch11**

Communication System: IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps); Frequency: 2462 MHz; Duty Cycle: 1:12.5893

Medium: Air Medium parameters used:  $\sigma = 0$  S/m,  $\epsilon_r = 1$ ;  $\rho = 0$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C

DASY5 Configuration:

- Probe: EF3DV3 - SN4047; ConvF(1, 1, 1); Calibrated: 2018/1/8;
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

**E Scan - ER3D: 15 mm from Probe Center to the Device/Hearing Aid Compatibility Test (101x101x1):** Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 9.119 V/m; Power Drift = -0.18 dB

Applied MIF = 0.12 dB

RF audio interference level = 23.37 dBV/m

**Emission category: M4**

MIF scaled E-field

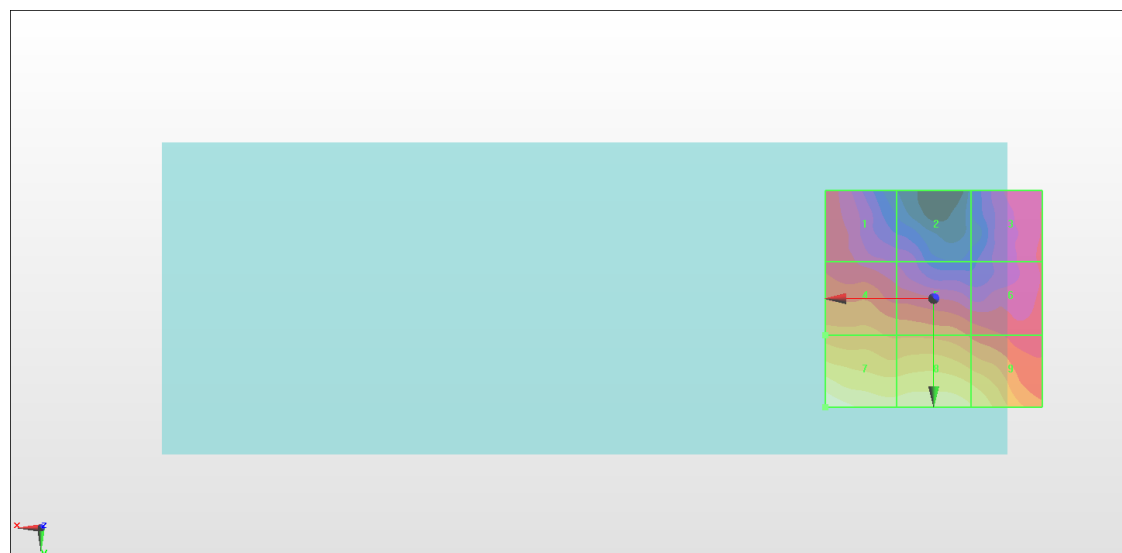
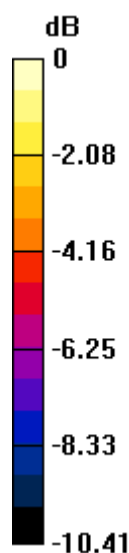
|                                        |                                        |                                        |
|----------------------------------------|----------------------------------------|----------------------------------------|
| Grid 1 <b>M4</b><br><b>18.43 dBV/m</b> | Grid 2 <b>M4</b><br><b>17.01 dBV/m</b> | Grid 3 <b>M4</b><br><b>18.13 dBV/m</b> |
| Grid 4 <b>M4</b><br><b>20.31 dBV/m</b> | Grid 5 <b>M4</b><br><b>19.84 dBV/m</b> | Grid 6 <b>M4</b><br><b>19.12 dBV/m</b> |
| Grid 7 <b>M4</b><br><b>23.37 dBV/m</b> | Grid 8 <b>M4</b><br><b>22.46 dBV/m</b> | Grid 9 <b>M4</b><br><b>22.05 dBV/m</b> |

**Cursor:**

Total = 23.37 dBV/m

E Category: M4

Location: 25, 25, 7.7 mm



0 dB = 14.74 V/m = 23.37 dBV/m